## SECTION 703 UNDERDRAIN SYSTEMS

MATERIAL		REF.	PURP.	SAMPLED BY	MIN.	MIN. QUANT.	CERT.	SMALL	TYPICAL HANDLING	REMARKS		
		TESTED BY		METHOD	FREQ.	CONTAINER	DISTR.	QUANTITY	TIME			
FOR ASPHALTIC CONCRETE BASE COURSE & SURFACING SEE SECTIONS 724 AND 501 OF THIS MANUAL.												
BACKFILL	Aggregate (Size 3)	703.02 1003.05 Dist. Lab	Accept.	Proj. Engr. S 101	1/1000 yd³	1 full sample sack			4 days			
	Granular Material	703.02 1003.07 Dist. Lab	Accept.	Proj. Engr. S 101	1/1000 yd³	1 full sample sack			4 days			
GEOCOMPOSITE WALL DRAINS		703.02 1019.02 Mat. Lab	Accept.	Proj. Engr. S 601	1/type/lot*	4 ft <sup>2</sup>	CA 7		11 days	(QPL 62) *Sample fittings 1 per type per shipment.		
GEOTEXTILE FABRIC		703.02 1019.01 Mat. Lab	Prelim. Source Approval	Dist. Lab S 614	1/type/lot/ source/ shipment	3 lin ft/roll width of fabric*			10 days	(QPL 61) *Sample a minimum of 18 ft².		
		703.02 1019.01 Mat. Lab	Accept.	Proj. Engr. S 614	1/type/ source/ shipment	3 lin ft/roll width of fabric*	CD** 1 & 7	150 yd²	10 days	(QPL 61)  *Sample a minimum of 18 ft².  ** Sample when not accompanied by a CD or if questionable		
HARDWARE CLOTH	Rodent Screen	703.02 1018.22 Mat. Lab	Accept.	Proj. Engr. S 601	1/shipment*	1 screen			10 days	*Visual Inspection by Proj. Engr. Sample only if questionable.		
METAL PIPE	Perforated Bituminous Coated Corrug. Steel	703.02 1007.03 Mat. Lab	Accept.	INSPECTED AND APPROVED WITH LAB NO. AND GAGE PAINTED ON OUTSIDE OF PIPE AND COUPLING BANDS BY MFR PRIOR TO USE. SEE SECTION 701 OF THIS MANUAL FOR CONST. FAB. INSP. SAMPLING.			CD 1 & 6		11 days	Visual inspection by Proj. Engr. CD includes gage, diameter, coupling bands, gasket material and hardware.		
	Perforated Corrugated Aluminum	703.02 1007.06 Mat. Lab	Accept.	AND GAGE P AND COUPLI USE. SEE SE	AND APPROVED OF AINTED ON OUT NG BANDS BY MCTION 701 OF T	SIDE OF PIPE FR PRIOR TO HIS MANUAL	CD 1 & 6		11 days	Visual inspection by Proj. Engr. CD includes gage, diameter, coupling bands, gasket material and hardware.		

## SECTION 703 UNDERDRAIN SYSTEMS (Cont'd)

MATERIAL E		REFERENCE TESTED BY	PURP.	SAMPLED BY	MIN.	MIN. QUANT.	CERT.	SMALL	TYPICAL HANDLING TIME	REMARKS
				METHOD	FREQ.	CONTAINER	DISTR.	QUANTITY		
PLASTIC PIPE		703.02 1006.08 Mat. Lab	Accept.	Proj. Engr. S 601	1/type/size/ shipment	6 ft. length*	→ CC 7	Less than 1,000 ft	10 days	*For Corrugated Polyethylene 4 pieces 5 ft. length.
PLASTIC PIPE FITTINGS		703.02 1006.08	Accept.	Proj. Engr. S 601	3/type/size/ shipment*		CC 7	Less than 1,000 ft.	IO days	Visual inspection by Proj. Engr. Sample only if questionable.
PORTLAND CEMENT CONCRETE	Headwalls (Class M)	703.03(b)(5) Proj. Engr.	Accept.	SEE SECTION 901 OF THIS MANUAL.				10 yd <sup>3</sup>	*****	<u></u>
PRECAST CONCRETE HEADWALLS		703.02 1016.04 Mat. Lab	Accept.	INSPECTED, MFR PRIOR T THIS MANUA	CD 1 & 6		 ·	Visual inspection by Proj. Engr.		
REINFORCING STEEL	Bars	1009.01 Mat. Lab*	Accept.	Proj. Engr. S 501	1/source**	48 in. length			10 days	*Dist. Lab in Dist. 02.  **If listed on QPL 71, material with a CA (Distr. 1) need not be sampled. Sample for verification if questionable.
	Wire Fabric	1009.01(e) Mat. Lab	Accept.	Proj. Engr. S 501	1/shipment*	48 in. x 48 in.			11 days	*Visual inspection by Proj. Engr. Sample only if questionable.
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